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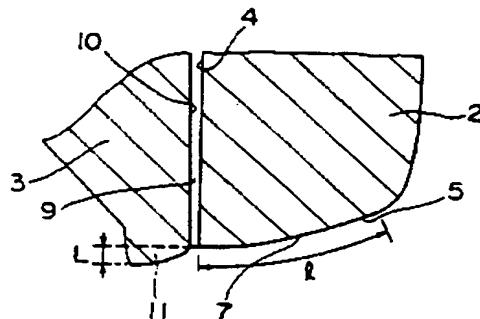
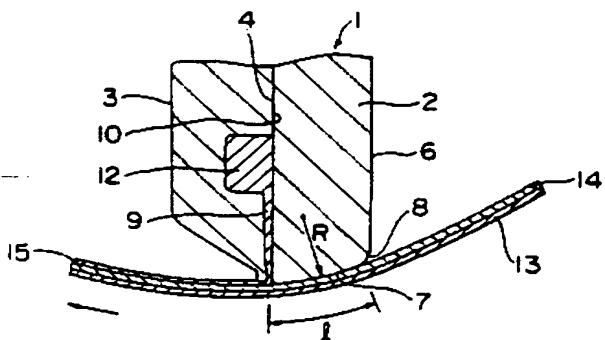
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INVENTOR : TOBISAWA SEIICHI;

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TITLE : COATER HEAD



ABSTRACT : PURPOSE: To form a magnetic layer of a uniform thickness without scraping the magnetic layer already applied on the raw sheet of a base by specifying the length of the traveling contact surface of a front bar at a specific value and rounding the corner rising from the traveling contact surface.

CONSTITUTION: The front bar 2 has a smooth surface 4 facing the back bar 3, a bottom end face 5 and an outside wall surface 6. The bottom end face 5 forms the traveling contact surface 7 which has the curvature R from the surface 4 and the traveling contact length l within the range of $\geq 5\text{mm}$ to $\leq 60\text{mm}$ and is contactable with the magnetic layer. The corner 8 rounded from the surface 7 to the outside wall surface 6 is formed. The bottom end of the coater head 1 integrated by superposing the respective smooth surfaces 4, 10 of the front bar 2 and the back bar 3 is brought into contact with the surface of the undried magnetic layer 14 which is already applied on the raw sheet 13 of the base. The raw sheet 13 travels from the front bar 2 side toward the back bar 3 side. The scraping of the magnetic layer 14 is obviated in this way and the surface of the magnetic layer 14 is pressed and is thereby smoothed.

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